

Do the Following Slides Represent Bioinformatics Being Used for Cellular Activities in Epigenetics?

MCFIP uses its website in an innovative non-conventional way to explain epigenetics based on physical science; i.e. as an integrated electronic tutorial book-like format that incorporates hyperlinks. The hyperlinks allow for access to validated scientific facts or ones that can be independently verified by anyone who is biologically astute.

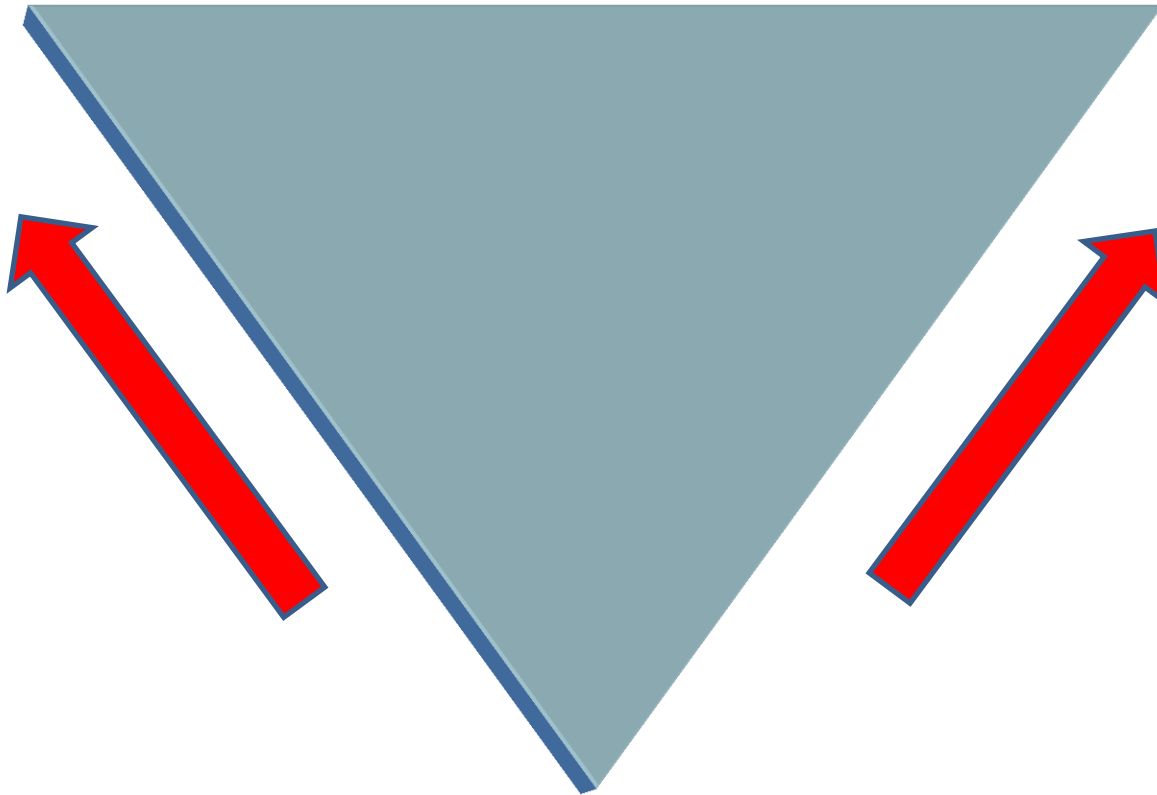
Homeostasis – Nikola Tesla

Alternating Current

Positive



Negative



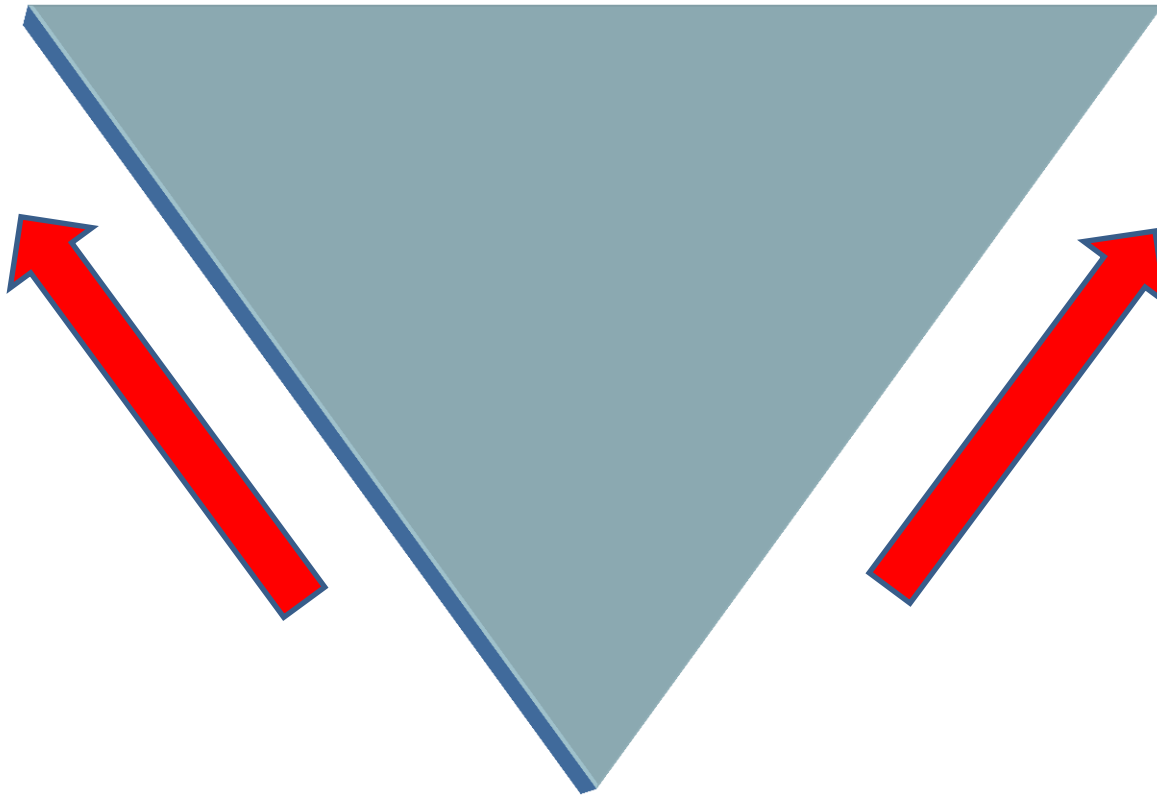
Ground

Homeostasis – Electrolytes

Sodium

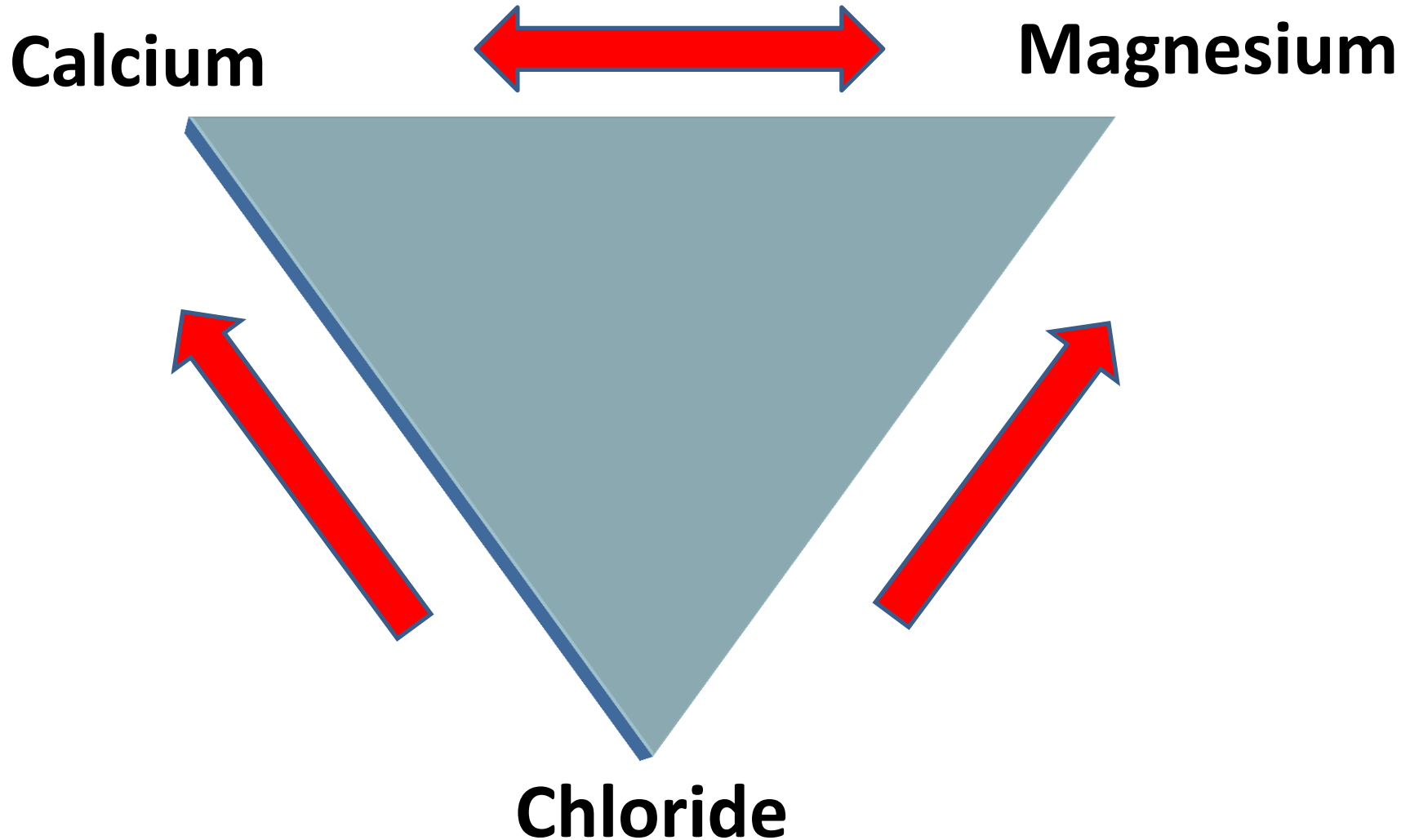


Potassium



Chloride

Homeostasis – Electrolytes



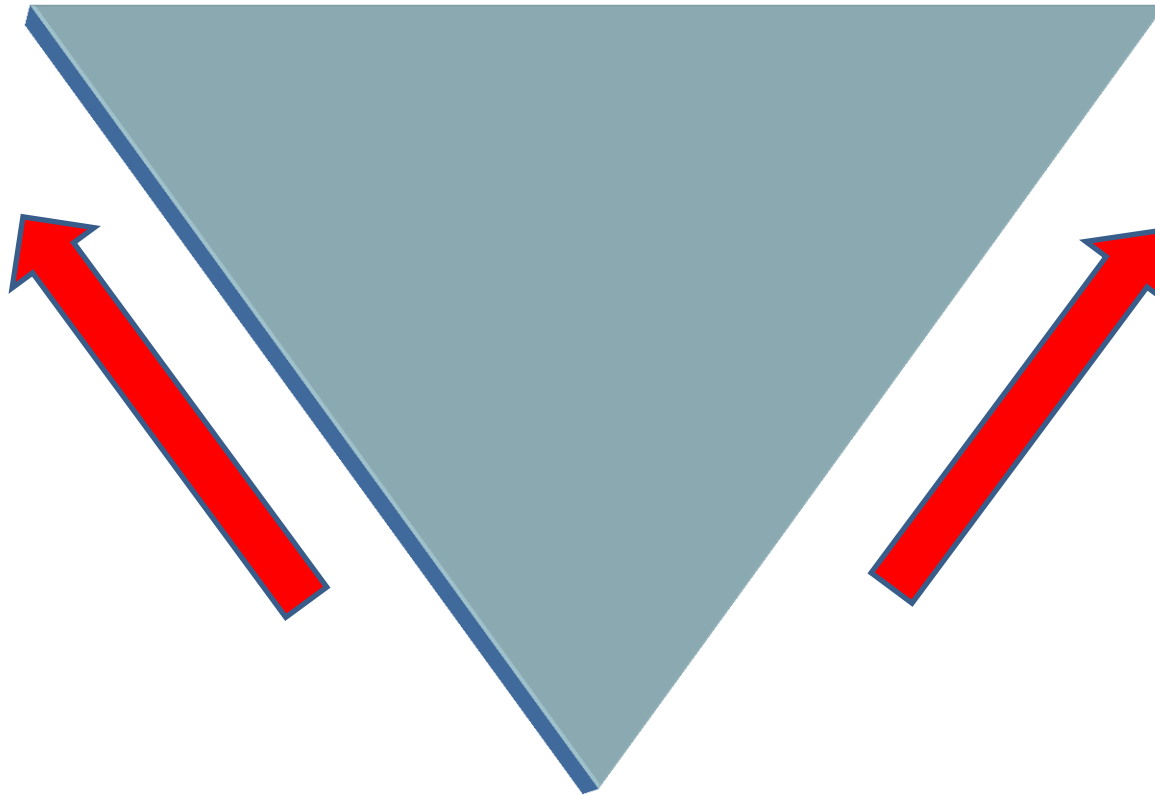
Epigenetic Signaling Cilia Homeostasis

Calnexin

Cilia - Density

Calmodulin

Cilia - Motility



Calcineurin (aka MYC)

Epigenetic Signaling Telomere Homeostasis

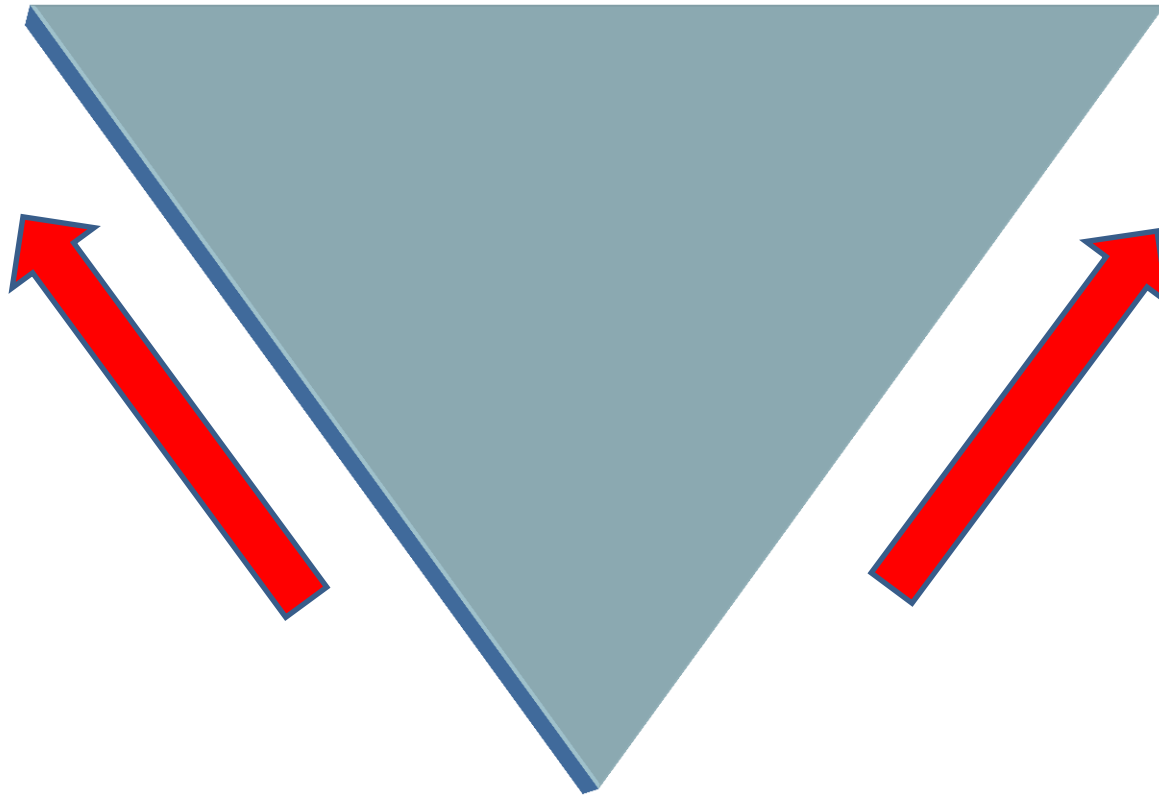
p16 – p18 – p19

Shortening of Telomeres



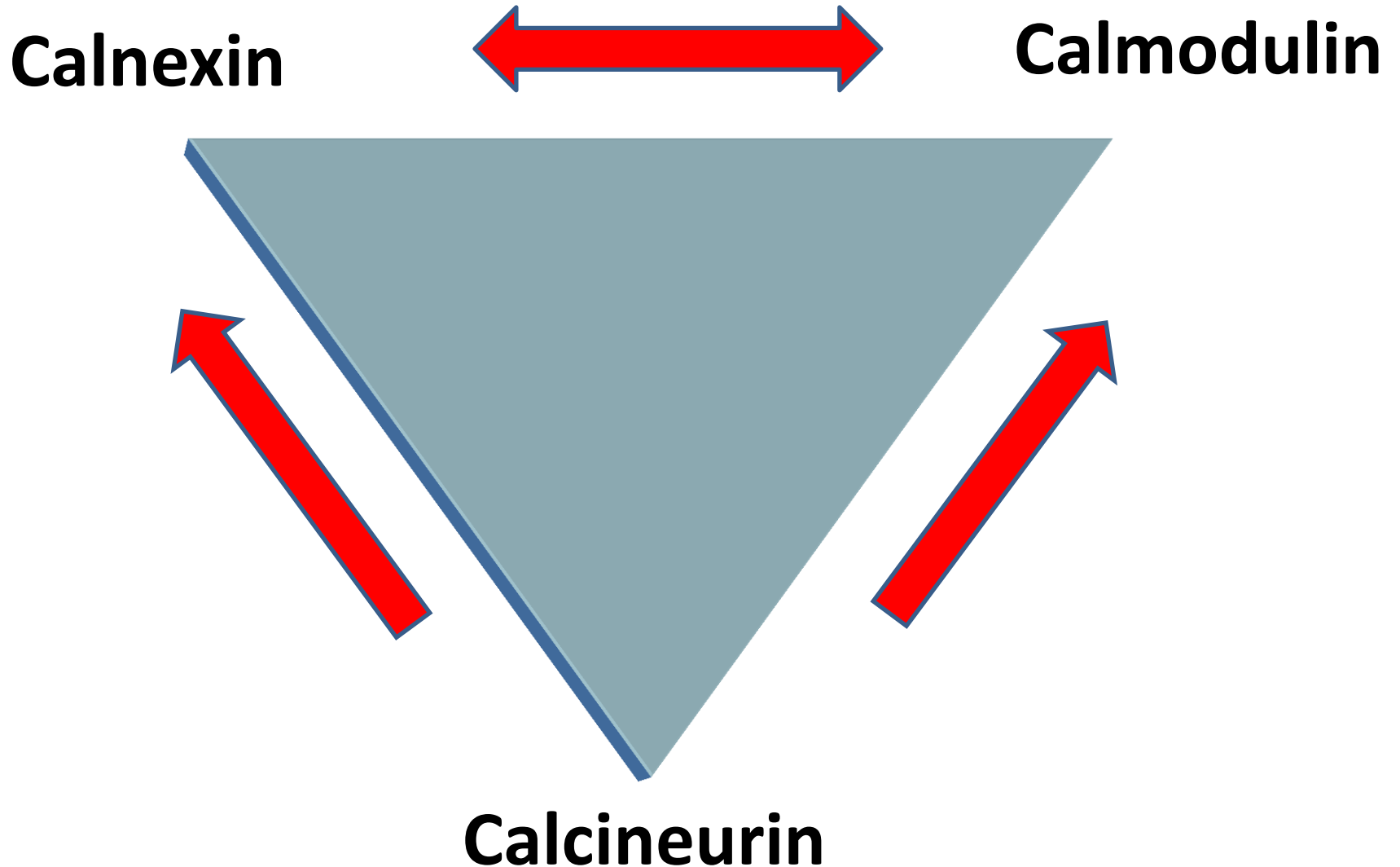
p21 – p27 – p57

Elongation of Telomeres



PTEN (aka Telomerase)

Epigenetic Signaling Homeostasis



Epigenetic Signaling Antagonistic

